

CONTROL OF RESIN FLOW DURING MOLDING OF COMPOSITE ARTICLES

ABSTRACT OF THE DISCLOSURE

[0083] The flow of resin during the molding of composite articles is controlled by forming areas of immobilized resin during the infusion of resin into the fibrous body. The immobilized resin is formed using an immobilization agent that interacts with the infused resin to form a high viscosity resin barrier that is effective in blocking the flow of non-immobilized resin. The barriers of immobilized resin are located within the fibrous body so as to control the flow of non-immobilized resin during the molding process to prevent or least reduce resin depletion and to selectively block resin flow from the mold.